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I hereby appoint:

 Practitioners associated with the Customer Number: 90238*OR* Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned *only* to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

 The address associated with Customer Number: 90238*OR* Firm or individual Name:  Address:  City:   State:   Zip:  Country:   Telephone:   Email:  

## Assignee Name and Address:

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A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	October 27, 2010
Name	HYO JOONG KIM	Telephone	
Title	CEO of ForceTEC Co., Ltd.		

## SCHEDULE A

Matter No.	Application No.	Publication No.	Patent No.	Title
87488(301691)	12/310,126	20100039684		SENSITIZER DYES FOR PHOTOACID GENERATING SYSTEMS USING SHORT VISIBLE WAVELENGTHS
87489(301691)	10/965,570	20050081235		SYSTEM AND METHOD FOR ACCESSING MEDIA IN A DATA STORAGE SYSTEM
87490(301691)	11/582,834	20070092804		PHOTOPOLYMERIZABLE MEDIUM COMPRISING SILOXANE COMPOUNDS THAT SUPPORT CATIONIC POLYMERIZATION FOR HOLOGRAPHIC STORAGE
87491(301691)	11/578,709	20080008076		CALIBRATION OF HOLOGRAPHIC DATA STORAGE SYSTEMS USING HOLOGRAPHIC MEDIA CALIBRATION FEATURES
87492(301691)	10/582,264	20080037397		METHODS AND APPARATUS FOR THE FIXING OF HOLOGRAPHIC MEDIA IN HOLOGRAPHIC DATA STORAGE SYSTEMS
87494(301691)	12/070,913	20090042105		SENSITIZER DYES FOR PHOTOACID GENERATING SYSTEMS
87495(301691)	12/288,357	20090147653		HOLOGRAPHIC CONTENT SEARCH ENGINE FOR RAPID INFORMATION RETRIEVAL
87496(301691)	12/218,766	20090046337		METHOD OF RECORDING AND READING ANGLE-MULTIPLEXED HOLOGRAMS THAT COMPENSATES FOR MEDIA SHRINKAGE
87497(301691)	12/288,843	20090202919		APPARATUS AND METHODS FOR THRESHOLD CONTROL OF PHOTOPOLYMERIZATION FOR HOLOGRAPHIC DATA STORAGE USING AT LEAST TWO WAVELENGTHS
87506P(301691)	60/999,477			OPTICAL SYSTEM AND METHOD FOR CONTENT ADDRESSABLE SEARCH AND INFORMATION RETRIEVAL IN A HOLOGRAPHIC DATA STORAGE SYSTEM

Matter No.	Application No.	Publication No.	Patent No.	Title
87554(301691)	10/170,007	20020196486	6,992,805	HOLOGRAPHIC FILTER WITH A WIDE ANGULAR FIELD OF VIEW AND A NARROW SPECTRAL BANDWIDTH
87554DIV(301691)	10/890,425	29940249181	7,070,886	HOLOGRAPHIC STORAGE MEDIUM COMPRISING POLYFUNCTION EPOXY MONOMERS CAPABLE OF UNDERGOING CATIONIC POLYMERIZATION
87554C(301691)	11/385,979	20070293637	7,332,249	HOLOGRAPHIC STORAGE MEDIUM COMPRISING POLYFUNCTIONAL EPOXY MONOMERS CAPABLE OF UNDERGOING CATIONIC POLYMERIZATION
87562(301691)	12/217,755	20090021815	7,652,809	METHOD AND APPARATUS FOR PHASE-ENCODED HOMOGENIZED FOURIER TRANSFORM HOLOGRAPHIC DATA STORAGE AND RECOVERY
87542(301691)	08/734,711		5,883,880	DISK POSITIONING DEVICE FOR DEFINING PRECISE RADIAL LOCATION
87543(301691)	08/337,161		5,896,210	MOLDED BLOCK OPTICAL SYSTEM FOR VOLUME HOLOGRAPHIC STORAGE
87544(301691)	08/586,058		5,940,537	METHOD AND SYSTEM FOR COMPENSATING FOR GEOMETRIC DISTORTION OF IMAGES
87545(301691)	09/020,469		5,982,513	METHOD AND SYSTEM TO ALIGN HOLOGRAPHIC IMAGES
87546(301691)	09/327,146		6,055,174	SOLID STATE HOLOGRAPHIC MEMORY
87547(301691)	08/916,843		6,057,703	RECONFIGURABLE PROGRAMMABLE LOGIC DEVICES
87548(301691)	09/520,399		6,222,755	SOLID STATE HOLOGRAPHIC MEMORY
87549(301691)	08/427,721		6,272,095	HOLOGRAPHIC CD-ROM
87549DIV(301691)	09/924,218	20020015376	6,898,167	TECHNIQUES FOR WRITING AND READING DATA ON AN OPTICAL DISK WHICH INCLUDE FORMATION OF HOLOGRAPHIC OPTICAL GRATINGS IN PLURAL LOCATIONS ON THE OPTICAL DISK

Matter No.	Application No.	Publication No.	Patent No.	Title
87550(301691)	09/941,166	20020068223	6,784,300	HOLOGRAPHIC STORAGE MEDIUM COMPRISING POLYFUNCTIONAL EPOXY MONOMERS CAPABLE OF UNDERGOING CATIONIC POLYMERIZATION
87551(301691)	10/146,497	20020197440	6,881,464	METHOD AND APPARATUS FOR PRODUCING OPTICAL RECORDING MEDIA WITH ACCURATELY PARALLEL SURFACES
87553(301691)	10/116,684	20020198955	6,904,491	HYBRID DATA STORAGE SYSTEM
87555(301691)	11/295,392	20060092489	7,480,084	HOLOGRAPHIC FILTER WITH A WIDE ANGULAR FIELD OF VIEW AND A NARROW SPECTRAL BANDWIDTH
87557(301691)	10/988,951	20050105150	7,164,514	HOLOGRAPHIC DATA STORAGE MEDIA WITH STRUCTURED SURFACES
87558(301691)	10/300,700	20030152842	7,297,448	DATA STORAGE MEDIUM COMPRISING COLLOIDAL METAL AND PREPARATION PROCESS THEREOF
87560(301691)	10/166,562	20030007250	7,463,799	TEMPERATURE COMPENSATION OF BRAGG REFLECTION GRATINGS
87561(301691)	11/039,163	20050213488	7,527,914	NOVEL FREADING INHIBIT AGENTS
87563(301691)	10/761,142	20040223200	7,742,378	METHOD AND APPARATUS FOR AZIMUTHAL HOLOGRAPHIC MULTIPLEXING USING ELLIPTICAL REFLECTOR
87564(301691)	11/295,732	20060152783	7,738,152	HIGH AREAL DENSITY HOLOGRAPHIC DATA STORAGE SYSTEM
87565(301691)	10/962,202	20050134948	7,411,708	METHOD AND APPARATUS FOR PHASE-ENCODED HOMOGENIZED FOURIER TRANSFORM HOLOGRAPHIC DATA STORAGE AND RECOVERY
87566(301961)	11/450,158	20070053029	7,453,611	REPLICATION OF DATA TO HOLOGRAPHIC MEDIUM USING HOLOGRAPHIC MASTER MEDIA
87567(301691)	12/287,702	20090168129	7,742,210	REPLICATION OF DATA TO HOLOGRAPHIC MEDIUM USING HIOLOGRAPHIC MASTER MEDIA

**12<sup>th</sup> year maintenance has been paid**

Matter No.	Application No.	Publication No.	Patent No.	Title
87523(301691)	08/091,311		5,377,176	METHOD AND APPARATUS FOR ISOLATING DATA STORAGE REGIONS IN A THICK HOLOGRAPHIC STORAGE MEDIA
87524(301691)	08/139,284		5,377,179	METHOD AND APPARATUS FOR ENHANCING THE UTILITY OF PHOTOPOLYMER RECORDING MEDIA FOR HOLOGRAPHIC DATA RECORDING
87525(301691)	08/106,288		5,438,439	NON-DESTRUCTIVE READOUT MECHANISM FOR VOLUME HOLOGRAMS USING TWO WAVELENGTHS
87526(301691)	08/091,620		5,477,347	METHOD AND APPARATUS FOR ISOLATING DATA STORAGE REGIONS IN A THIN HOLOGRAPHIC STORAGE MEDIA
87527(301691)	08/173,368		5,481,523	A GANTRY FOR POSITIONING A READ/WRITE HEAD OF A HOLOGRAPHIC INFORMATION STORAGE SYSTEM
87528(301691)	08/133,672		5,488,494	PACKAGING SYSTEM FOR HOLOGRAPHIC STORAGE MEDIA
87529(301691)	08/173,668		5,511,058	DISTORTION CORRECTION OF A RECONSTRUCTED HOLOGRAPHIC DATA IMAGE.
87530(301691)	08/110,087		5,519,517	METHOD AND APPARATUS FOR HOLOGRAPHICALLY RECORDING AND REPRODUCING IMAGES IN A SEQUENTIAL MANNER

**12<sup>th</sup> year maintenance has been paid**

Matter No.	Application No.	Publication No.	Patent No.	Title
87531(301691)	08/133,504		5,519,651	HIGH CAPACITY HOLOGRAPHIC STORAGE SYSTEM
87532(301691)	08/269,374		5,526,337	HOLOGRAPHIC STORAGE MEDIA PACKAGE
87533(301691)	08/217,255		5,529,861	METHOD FOR ENHANCING THE UTILITY OF A PHOTOPOLYMER RECORDING MEDIA FOR HOLOGRAPHIC DATA RECORDING.
87534(301691)	08/228,114		5,566,387	DIAMOND SHAPED HOLOGRAPHIC STORAGE REGIONS ORIENTED ALONG A COMMON RADIAL COLUMN LINE FOR HIGHER STORAGE CAPACITY
87535(301691)	08/517,462		5,621,549	METHOD AND APPARATUS FOR POSITIONING A LIGHT BEAM ON A HOLOGRAPHIC MEDIA.
87536(301691)	08/267,969		5,627,664	HOLOGRAPHIC STORAGE WITH COMBINED ORTHOGONAL PHASE CODES AND RANDOM PHASE CODES
87537(301691)	08/361,147		5,638,193	METHOD AND APPARATUS FOR AZIMUTHAL MULTIPLEXING OF HOLOGRAMS
87538(301691)	08/531,521		5,665,791	PHOTOSENSITIVE POLYMER FILMS AND THEIR METHOD OF PRODUCTION
87539(301691)	08/604,263		5,694,488	METHOD AND APPARATUS FOR PROCESSING OF RECONSTRUCTED HOLOGRAPHIC IMAGES OF DIGITAL DATA PATTERNS.

**12<sup>th</sup> year maintenance has been paid**

Matter No.	Application No.	Publication No.	Patent No.	Title
87540(301691)	08/614,956		5,696,613	METHOD AND APPARATUS FOR MULTIPLEXING DATA IN DIFFERENT PLANES OF INCIDENCE OF A THIN HOLOGRAPHIC STORAGE MEDIA
87541(301691)	08/548,282		5,756,648	PHOTORESISTIVE POLYIMIDE MATERIALS FOR ELECTRONIC PACKAGING APPLICATIONS